



Protein

Search Protein  for   Display Default View  as HTML  **1: AAD45118 MGD2 antimicrobial peptide precursor [Mytilus galloprovincialis]**

LOCUS AF162338.1 81 aa INV 20-JUL-1999  
DEFINITION MGD2 antimicrobial peptide precursor [Mytilus galloprovincialis].  
ACCESSION AAD45118  
PID g5533299  
VERSION AAD45118.1 GI:5533299  
DBSOURCE locus AF162338 accession [AF162338.1](#)  
KEYWORDS .  
SOURCE Mediterranean mussel.  
ORGANISM Mytilus galloprovincialis  
Eukaryota; Metazoa; Mollusca; Bivalvia; Pteriomorpha; Mytiloida;  
Mytiloidea; Mytilidae; Mytilus.  
REFERENCE 1 (residues 1 to 81)  
AUTHORS Hubert, F., Mitta, G. and Roch, P.  
TITLE Defensins: involvement in mussel defense  
JOURNAL Unpublished  
REFERENCE 2 (residues 1 to 81)  
AUTHORS Mitta, G., Hubert, F. and Roch, P.  
TITLE Direct Submission  
JOURNAL Submitted (24-JUN-1999) Defense et Resistance chez les Invertebres  
Marins (D.R.I.M.), IFREMER-CNRS UMR 219, Universite Montpellier II,  
2 Place Eugene Bataillon, Montpellier 34095, France  
COMMENT Method: conceptual translation.  
FEATURES  
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1 mkaafvlllv glcimtdvat agfgcpnnya chqhcksirg ycggyagwf rlrctcyrcg  
61 grddvedif diydnaver f  
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1: P56686

## 4 KDA DEFENSIN

LOCUS DEF4\_ANDAU 37 aa INV 30-MAY-2000  
DEFINITION 4 KDA DEFENSIN.  
ACCESSION P56686  
PID g6014948  
VERSION P56686 GI:6014948  
DBSOURCE swissprot: locus DEF4\_ANDAU, accession P56686;  
class: standard.  
extra accessions: P81618, created: Jul 15, 1999.  
sequence updated: Jul 15, 1999.  
annotation updated: May 30, 2000.

KEYWORDS xrefs (non-sequence databases): PFAM PF01097, PROSITE PS00425  
Antibiotic.  
SOURCE Androctonus australis hector.  
ORGANISM Androctonus australis hector  
Eukaryota; Metazoa; Arthropoda; Chelicerata; Arachnida; Scorpiones;  
Buthoidea; Buthidae; Androctonus.

REFERENCE 1 (residues 1 to 37)  
AUTHORS Ehret-Sabatier, L., Loew, D., Goyffon, M., Fehlbaum, P., Hoffmann, J.A.,  
van Dorsselaer, A. and Bulet, P.  
TITLE Characterization of novel cysteine-rich antimicrobial peptides from  
scorpion blood  
JOURNAL J. Biol. Chem. 271 (47), 29537-29544 (1996)  
MEDLINE 97094646  
REMARK SEQUENCE, AND CHARACTERIZATION.  
TISSUE=HEMOLYMPH

COMMENT [FUNCTION] ACTIVE AGAINST GRAM-POSITIVE BACTERIA.  
[SUBCELLULAR LOCATION] SECRETED.  
MASS SPECTROMETRY: MW=4206.8; METHOD=ELECTROSPRAY.  
[SIMILARITY] BELONGS TO THE ARTHROPOD DEFENSIN FAMILY.

FEATURES Location/Qualifiers  
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Bond bond(11,33)  
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Bond bond(15,35)  
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ORIGIN  
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